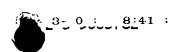
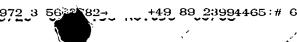
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CLAIMS:

A method for determining the level of an analyte in the blood of 1. an individual comprising:

obtaining a sample from said individual, said sample being a (i) non-blood sample but containing blood components;

determining the volume of blood in the obtained sample by (ii) measuring the level of a blood component in said samples;

- determining the amount of said analyte in the sample or in the (iii) blood cells present in said non-blood sample; and
- calculating the level of said analyte in the blood of the tested (iv) individual based on the measurements in (iii) and (iv).
- The method of Claim 1, wherein said blood component is 2. hemoglobin.
- The method of Claims 1 or 2, wherein said analyte is glucose. 3. 15
 - A method according to Claim, 1, wherein said non-blood sample 4. is a sample of hair obtained from said individual, the method comprising:
 - obtaining a sample of hair from said individual; (i)
- determining the amount of blood or interstitial fluid in said (ii) obtained sample and if necessary, correcting variations between 20 different hair samples;
 - determining the level or concentration of said analyte in said (iii) blood or interstitial fluid and
 - calculating the level of said analyte in the blood of the tested (iv) individual based on the measurements in (ii) and (iii).
 - A method according to claim 4 wherein before stage (ii) said 5. blood or interstitial fluid are first extracted from the hair follicle of said obtained hair.
- A kit for determining the level of an analyte in the blood of a 6. tested individual comprising: 30

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- (i) means for obtaining a sample from said individual, said sample being a non-blood sample but containing blood components;
- (ii) means for measuring the level of a blood component in the sample;
- (iii) means for measuring the level of the tested analyte in the obtained sample;
- (iv) means for calculating the level of the tested analyte in the blood of the tested individual on the basis of the measurements obtained in (ii) and (iii) above.
- 7. A kit according to Claim 6, further comprising means for separating said red blood cells from the sample.
 - 8. A kit according to Claims 6 or 7, further comprising means for lysing said red blood cells.
- A kit according to Claim 6, further-comprising a test strip incorporating reagents or structures necessary to carry out the measurement of the tested analyte and blood component and a instrument into which the test strip can be inserted into or to which the test strip may be connected; said instrument capable of detecting and analyzing a signal emitted by said test strips and optionally translating said signals into prevalent units..
- 20 10. A kit according to Claim 6, wherein the obtained body sample is a hair sample, said kit comprises the following:
 - (i) hair removal means;
 - (ii) a suitable diluent in which the blood or interstitial fluid from the obtained hair is collected;
- 25 (iii) means for the determination of the level of a blood component in the blood or interstitial fluid specimen;
 - (iv) means for determination of the level of said analyte in the blood or interstitial fluid specimen; and
 - (v) means for calculating the level of the tested analyte in the blood of the tested individual on the basis of the measurements obtained in (iii) and (iv) above.

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11. A kit according to Claims 6-10, wherein the tested analyte is glucose.

12. A kit according to Claim 11, further comprising a metabolic inhibitor capable of preventing glucose utilization by living cells present in said sample.